

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046269.D
 Acq On : 25 Jun 2024 00:48
 Operator : MA/JU
 Sample : P2776-10DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 02:28:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2448	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.210	136	7131	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.062	164	4187	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188	7957	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6612	0.400	ng/ul	-0.04
23) Perylene-d12	23.089	264	8102m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2179	0.649	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	456	0.048	ng/ul	-0.02
18) Fluoranthene-d10	18.839	212	950	0.048	ng/ul	-0.05
Target Compounds					Qvalue	
10) Acenaphthylene	13.785	152	1097	0.055	ng/ul#	75
11) Acenaphthene	14.127	153	349	0.024	ng/ul#	94
12) Fluorene	15.126	166	461	0.030	ng/ul#	90
15) Phenanthrene	16.850	178	9310	0.416	ng/ul	99
16) Anthracene	16.943	178	1854	0.111	ng/ul#	83
19) Fluoranthene	18.867	202	23565	0.823	ng/ul	98
20) Pyrene	19.230	202	17322	0.559	ng/ul	98
21) Benzo(a)anthracene	20.991	228	10361	0.406	ng/ul	95
22) Chrysene	21.040	228	10825	0.332	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	19662m	0.674	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	6600m	0.190	ng/ul	
26) Benzo(a)pyrene	23.001	252	6166	0.228	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.131	276	8006	0.181	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.135	278	2291	0.070	ng/ul#	34
29) Benzo(g,h,i)perylene	25.759	276	1317	0.035	ng/ul#	46

(#) = qualifier out of range (m) = manual integration (+) = signals summed

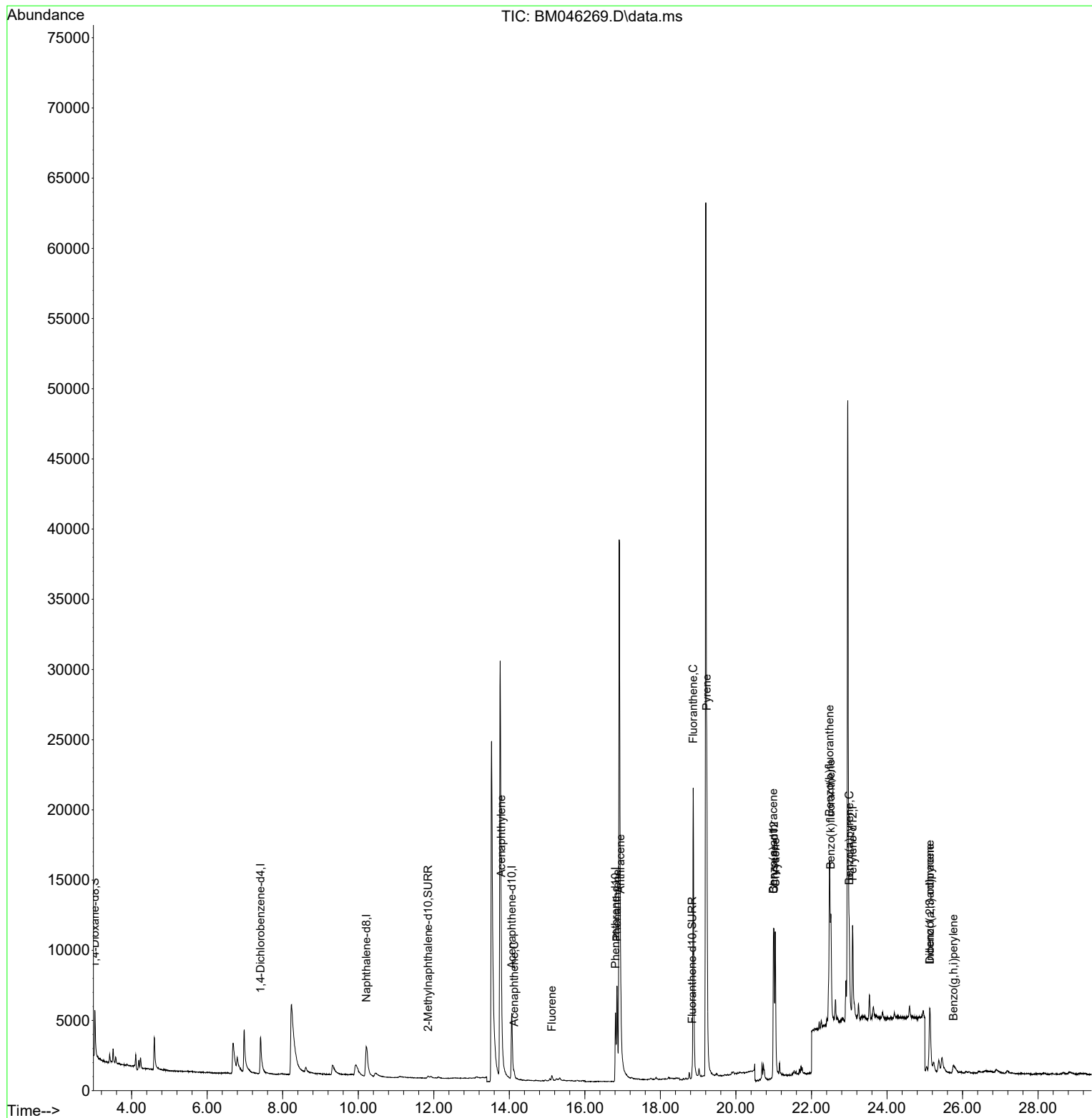
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046269.D
Acq On : 25 Jun 2024 00:48
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ALS Vial : 27 Sample Multiplier: 1

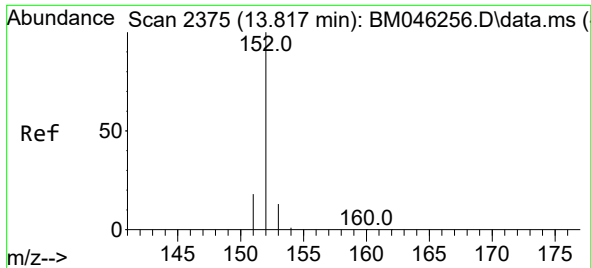
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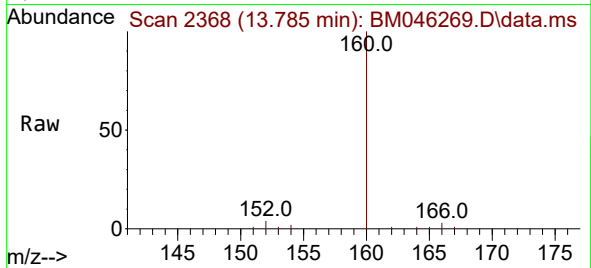
Quant Time: Jun 25 02:28:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 13.785 min Scan# 2109
Delta R.T. -0.050 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

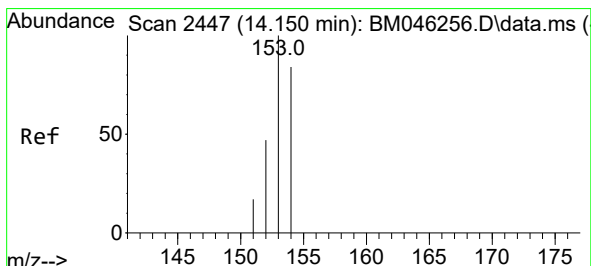
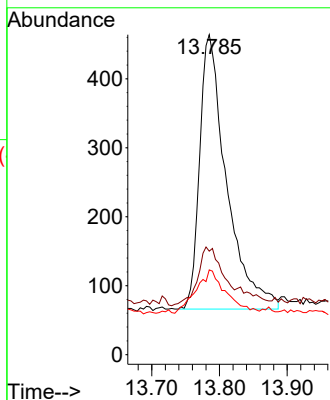
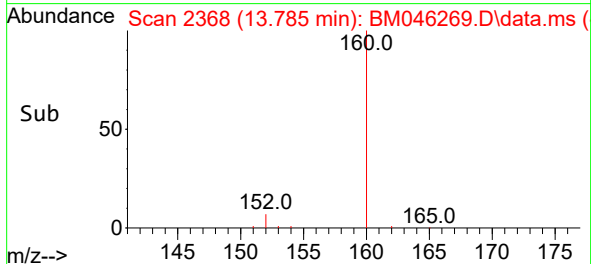
Instrument :
BNA_M
ClientSampleId :
A4CA5DL



Tgt Ion:152 Resp: 109
Ion Ratio Lower Upper
152 100
151 32.3 17.4 26.2
153 26.5 11.8 17.8

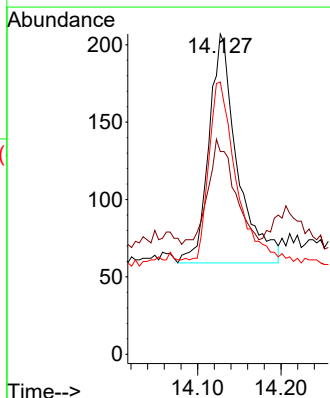
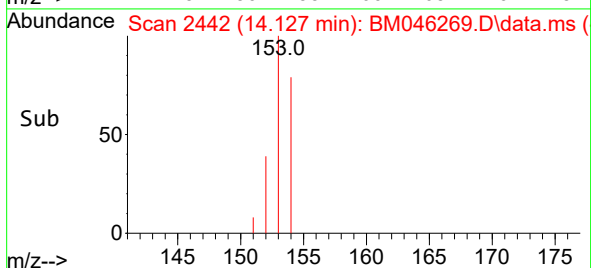
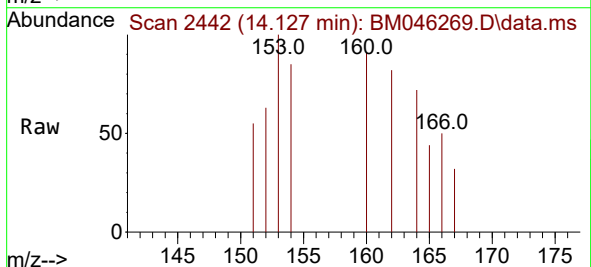
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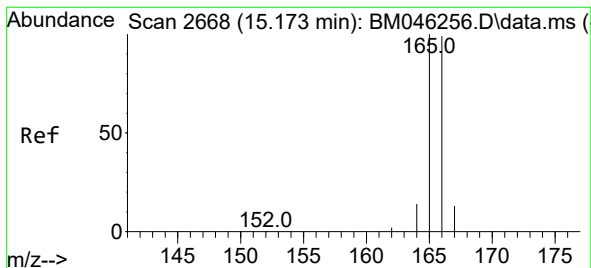
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

Tgt Ion:153 Resp: 349
Ion Ratio Lower Upper
153 100
152 63.3 41.3 61.9
154 85.0 68.2 102.4





#12

Fluorene

Concen: 0.030 ng/ul

RT: 15.126 min Scan# 20

Delta R.T. -0.054 min

Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

Instrument :

BNA_M

ClientSampleId :

A4CA5DL

Tgt Ion:166 Resp: 46

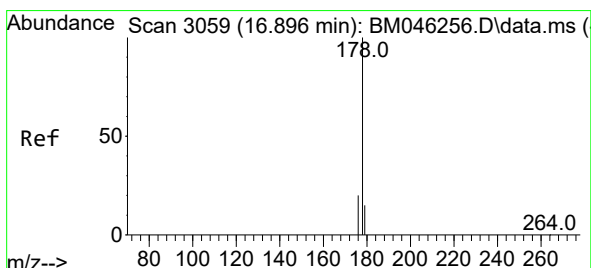
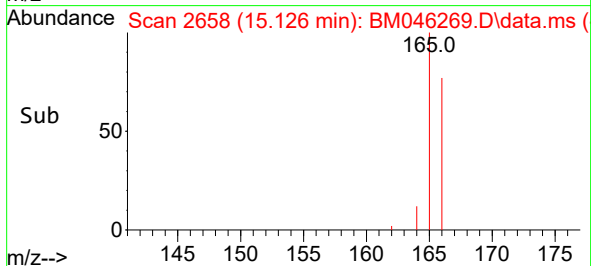
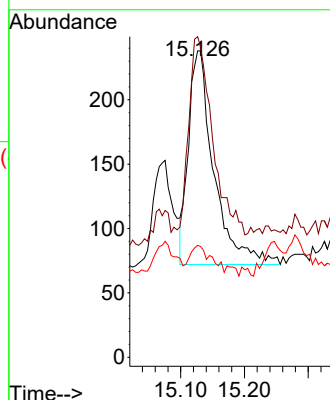
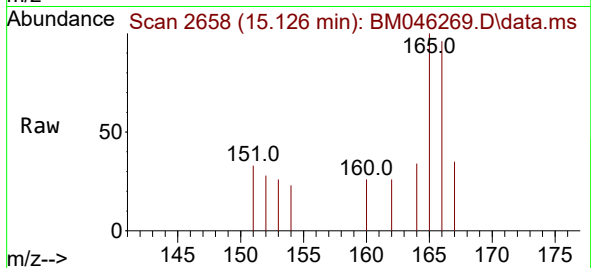
Ion	Ratio	Lower	Upper
166	100		
165	104.6	80.4	120.6
167	36.6	12.4	18.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#15

Phenanthrene

Concen: 0.416 ng/ul

RT: 16.850 min Scan# 3048

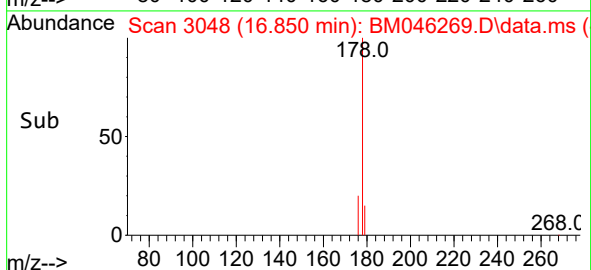
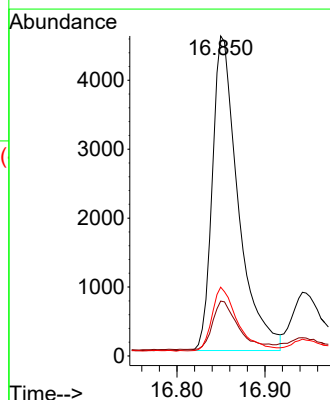
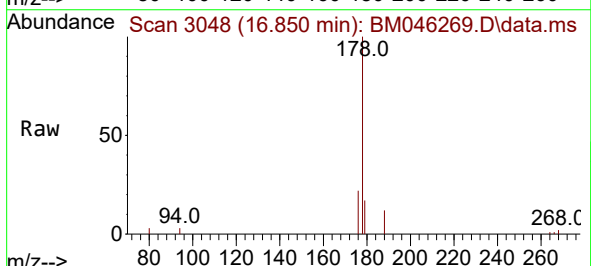
Delta R.T. -0.054 min

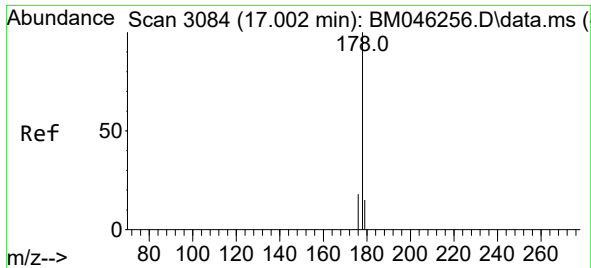
Lab File: BM046269.D

Acq: 25 Jun 2024 00:48

Tgt Ion:178 Resp: 9310

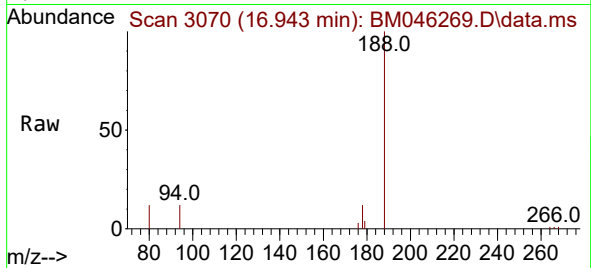
Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.2	21.2
176	21.5	17.1	25.7





#16
Anthracene
Concen: 0.111 ng/ul
RT: 16.943 min Scan# 3084
Delta R.T. -0.062 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

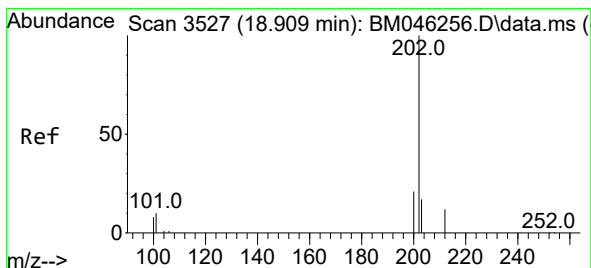
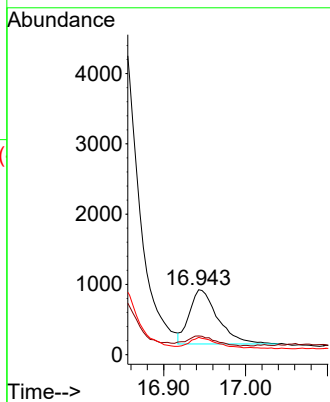
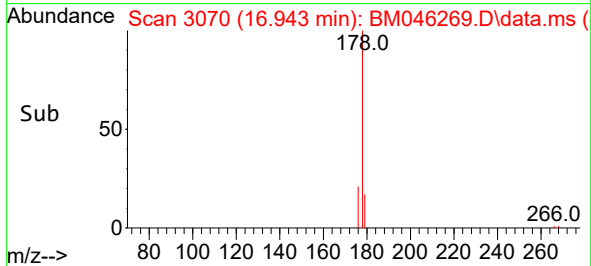
Instrument :
BNA_M
ClientSampleId :
A4CA5DL



Tgt Ion:178 Resp: 1854
Ion Ratio Lower Upper
178 100
179 28.7 14.9 22.3
176 26.5 17.0 25.4

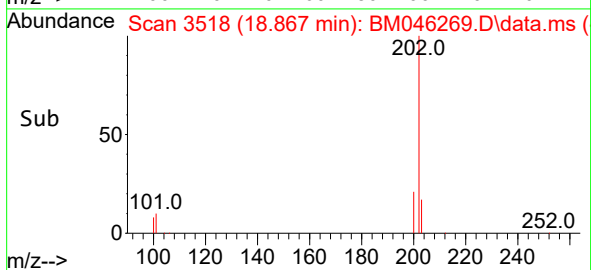
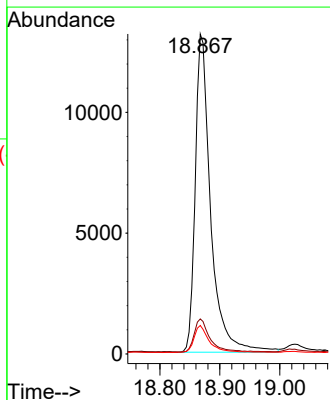
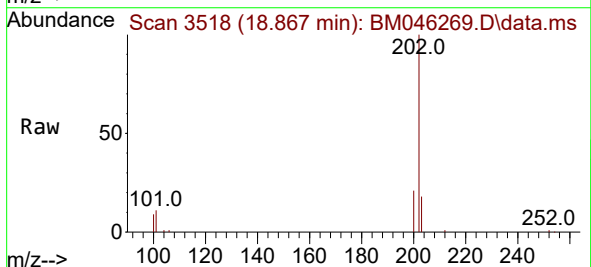
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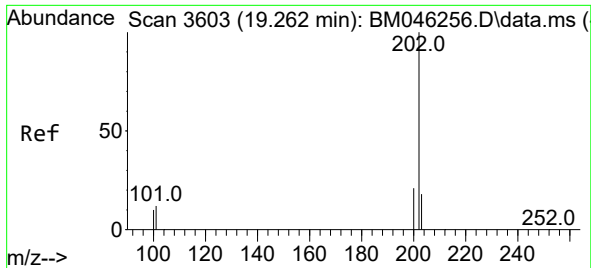
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#19
Fluoranthene
Concen: 0.823 ng/ul
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

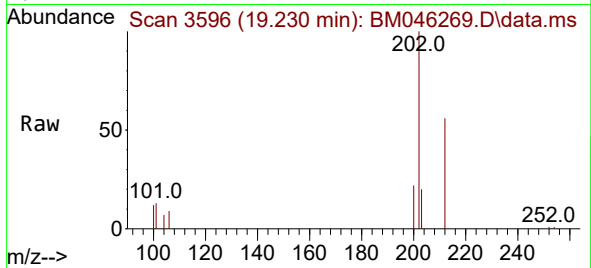
Tgt Ion:202 Resp: 23565
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.9 7.6 11.4





#20
Pyrene
Concen: 0.559 ng/ul
RT: 19.230 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

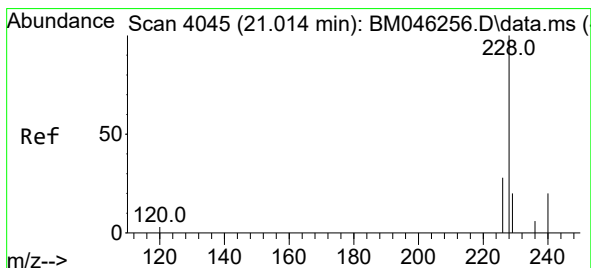
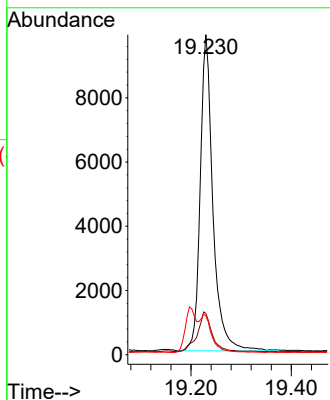
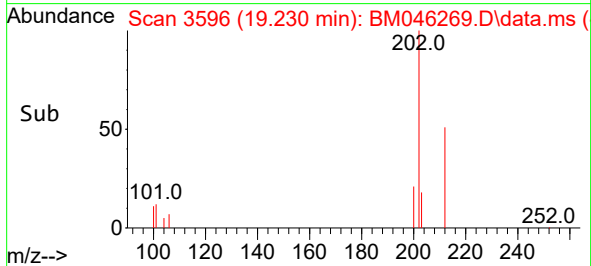
Instrument :
BNA_M
ClientSampleId :
A4CA5DL



Tgt Ion:202 Resp: 1732
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 12.1 9.8 14.6

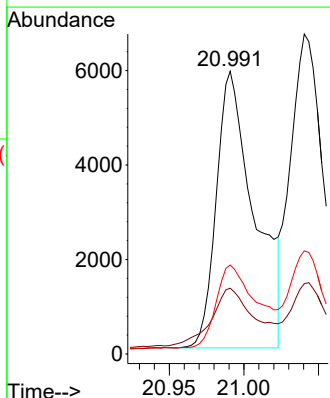
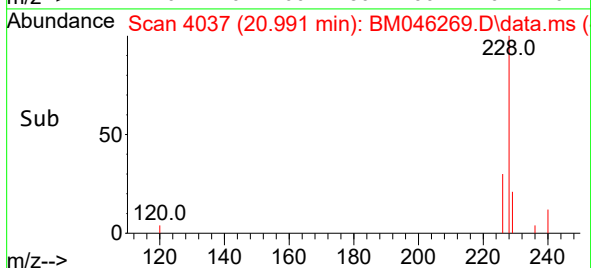
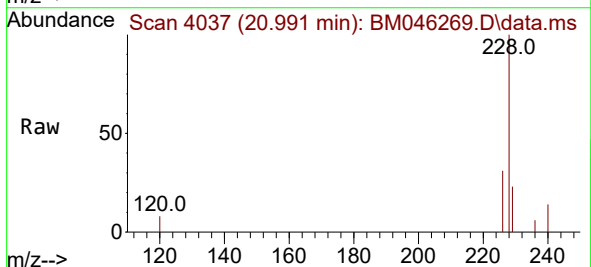
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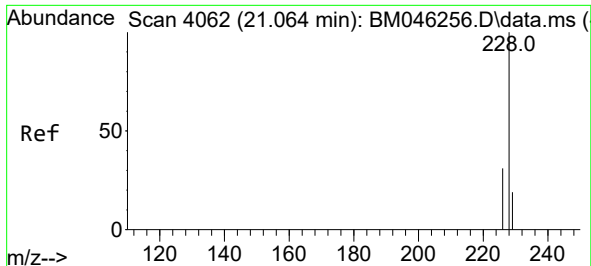
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.039 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

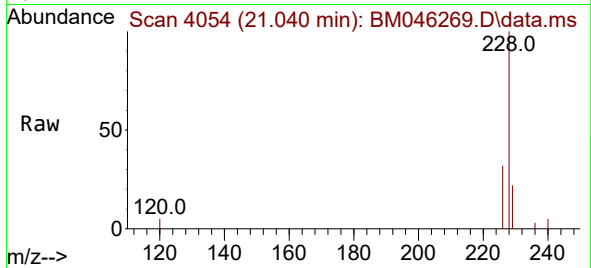
Tgt Ion:228 Resp: 10361
Ion Ratio Lower Upper
228 100
229 23.2 16.4 24.6
226 31.5 23.4 35.2





#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.040 min Scan# 4062
Delta R.T. -0.036 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

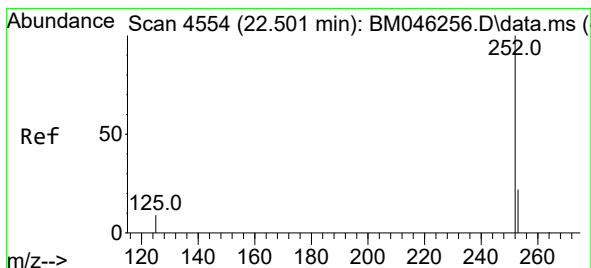
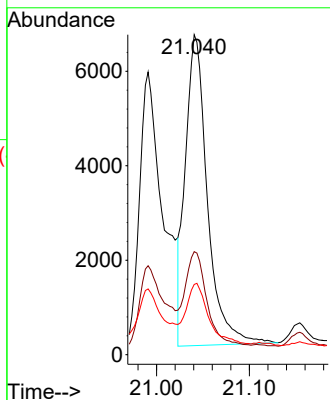
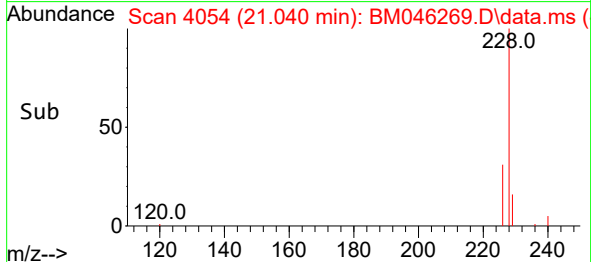
Instrument :
BNA_M
ClientSampleId :
A4CA5DL



Tgt Ion:228 Resp: 10825
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 21.9 16.3 24.5

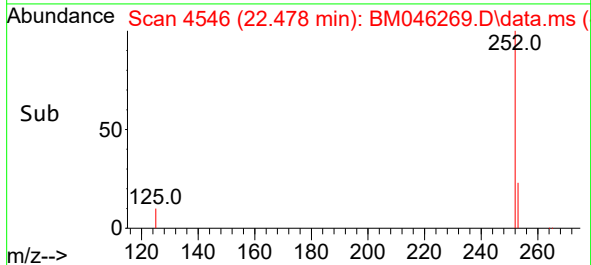
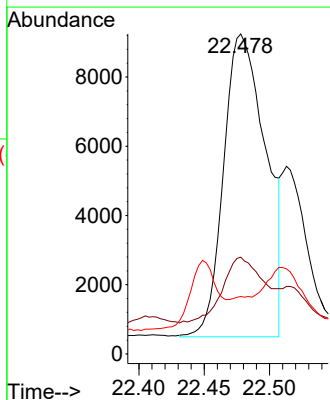
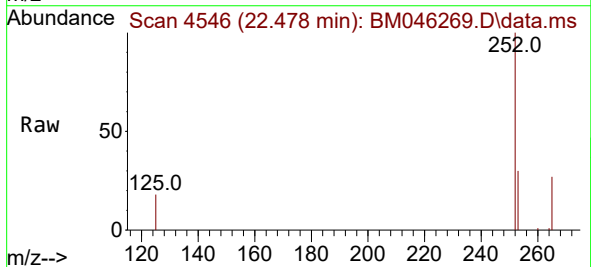
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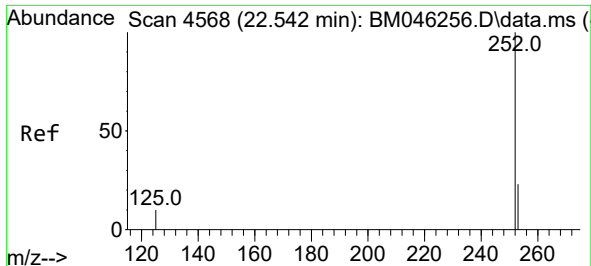
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.674 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

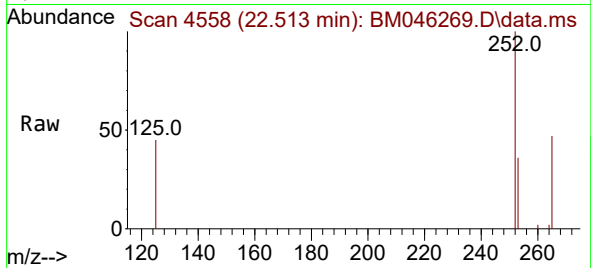
Tgt Ion:252 Resp: 19662
Ion Ratio Lower Upper
252 100
253 30.2 0.0 65.8
125 18.0 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.190 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.050 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

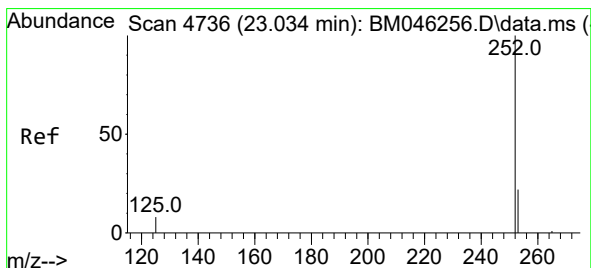
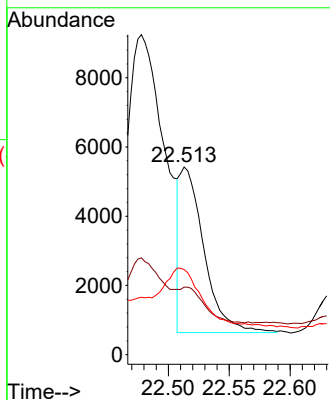
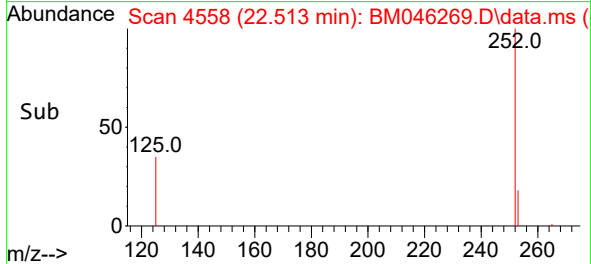
Instrument :
BNA_M
ClientSampleId :
A4CA5DL



Tgt Ion:252 Resp: 6600
Ion Ratio Lower Upper
252 100
253 36.0 27.2 40.8
125 45.4 16.6 25.0

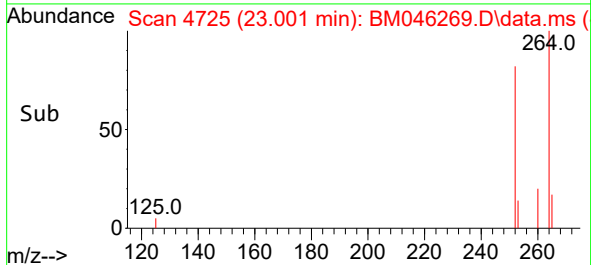
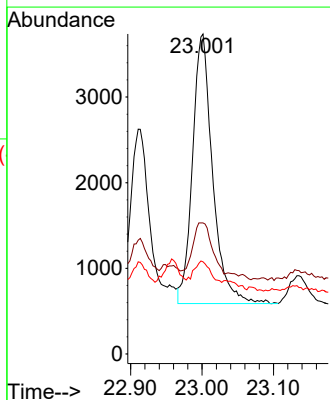
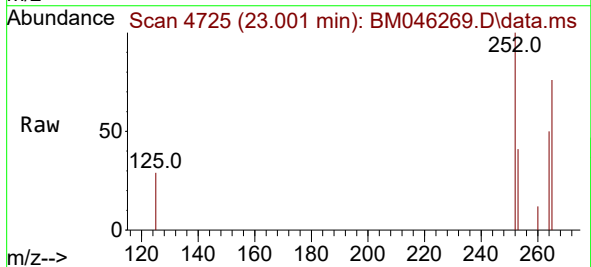
Manual Integrations
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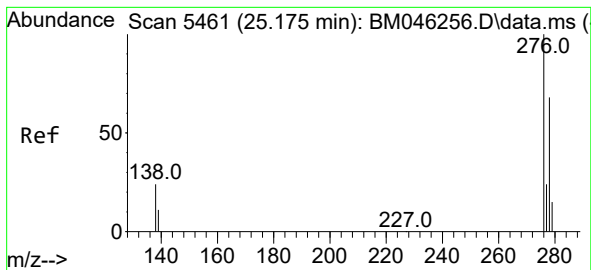
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.228 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

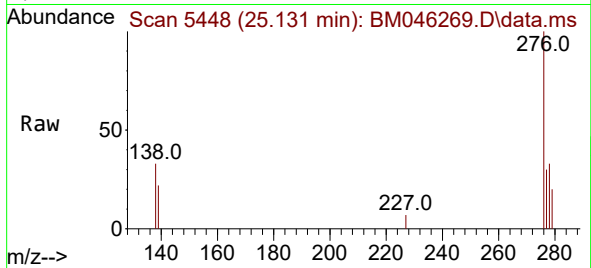
Tgt Ion:252 Resp: 6166
Ion Ratio Lower Upper
252 100
253 41.0 32.1 48.1
125 28.8 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.181 ng/ul
RT: 25.131 min Scan# 5448
Delta R.T. -0.071 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

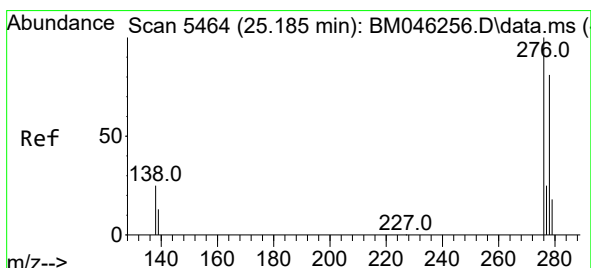
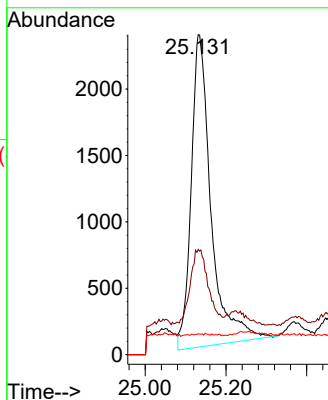
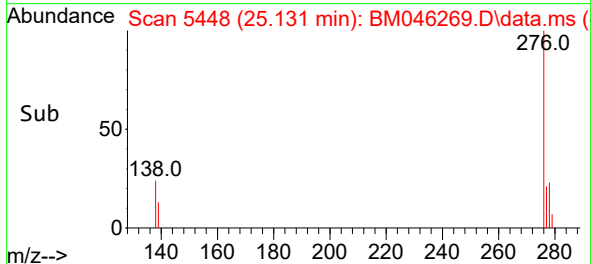
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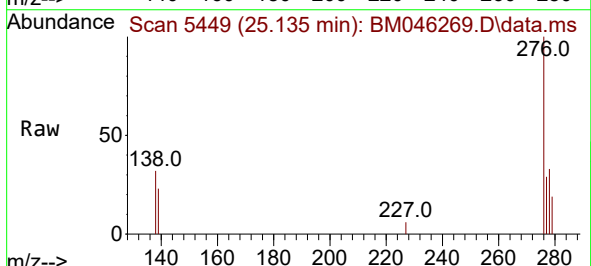
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Ion Ratio Lower Upper
276 100
138 27.1 21.0 31.4
227 0.0 0.0 0.0

Manual Integrations
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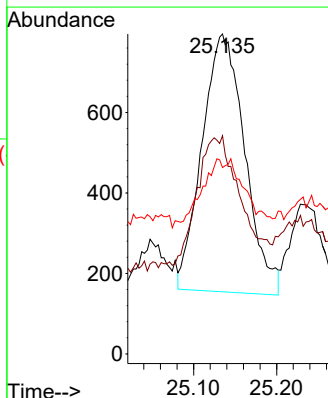
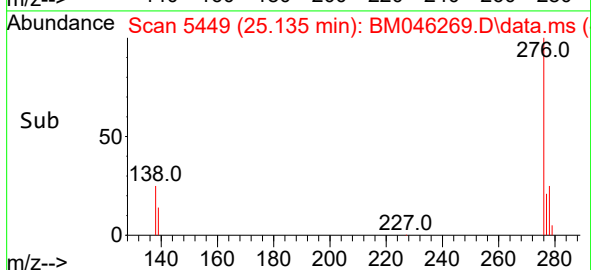
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

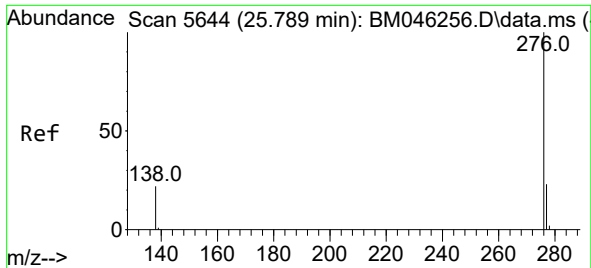


#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48



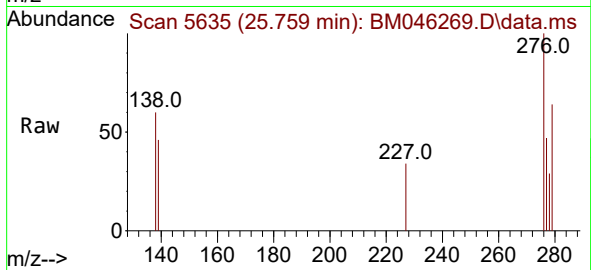
Tgt Ion:278 Resp: 2291
Ion Ratio Lower Upper
278 100
139 68.2 17.6 26.4#
279 58.2 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 25.759 min Scan# 50
Delta R.T. -0.071 min
Lab File: BM046269.D
Acq: 25 Jun 2024 00:48

Instrument :
BNA_M
ClientSampleId :
A4CA5DL



Tgt Ion:276 Resp: 131
Ion Ratio Lower Upper
276 100
138 60.0 21.7 32.5
277 47.3 20.4 30.6

Manual Integrations
APPROVED

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